



06-1606

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PTO/SB/21 (09-04)

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

5

Application Number	10/564,441
Filing Date	January 12, 2006
First Named Inventor	Persson et al
Art Unit	1645
Examiner Name	
Attorney Docket Number	SSITUSA

ENCLOSURES (Check all that apply)☐ Fee Transmittal Form☐ Fee Attached☐ Amendment/Reply☐ After Final☐ Affidavits/declaration(s)☐ Extension of Time Request☐ Express Abandonment Request☒ Information Disclosure Statement☐ Certified Copy of Priority Document(s)☐ Reply to Missing Parts/
Incomplete Application☐ Reply to Missing Parts
under 37 CFR 1.52 or 1.53☐ Drawing(s)☐ Licensing-related Papers☐ Petition☐ Petition to Convert to a

Provisional Application

☐ Power of Attorney, Revocation

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☐ After Allowance Communication to TC☐ Appeal Communication to Board
of Appeals and Interferences☐ Appeal Communication to TC
(Appeal Notice, Brief, Reply Brief)☐ Proprietary Information☐ Status Letter☒ Other Enclosure(s) (please identify
below):

15-Documents

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name

HOWSON AND HOWSON

Signature

Printed name

Cathy A. Kodron

Date

June 15, 2006

Reg. No.

33,980

CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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SSI7USA

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Appln. No. : 10/564,441 Confirmation No.: 7400
Applicant : Persson et al
Filed : January 12, 2006
TC/A.U. : 1645
Examiner :
Customer No. : 00270
Title : DIAGNOSTICS OF DIARRHEAGENIC ESCHERICHIA COLI
(DEC) AND SHIGELLA SPP.

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

Sir:

Applicant submits to the Examiner the attached Form PTO/SB/08B document listing and this paper pursuant to 37 CFR § 1.56 and § 1.97-1.98. Form PTO/SB/08B is attached and copies of the documents are enclosed herewith. This Information Disclosure Statement is submitted more than three months from the filing date of this application and before the receipt of a first Office Action on the merits. Therefore, no fees are believed due.

The Director is hereby authorized to charge any deficiency in any fees due with the filing of this paper or credit any overpayment in any fees to our Deposit Account Number 08-3040.

Express Mail No. ED379414225US

REMARKS

The month of publication for documents (B), (C), (F), (I), (J) could not be determined. The years of publication for these documents are sufficiently earlier than the effective US filing date and/or the foreign priority date of the present application so that the particular month of publication of the documents is not in issue (MPEP 609).

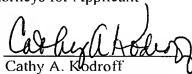
Item (I) is a non-English document and Item (J) provides an English summary. This document describes the significance of E. coli of two O-groups in the etiology of infant diarrhea.

The Examiner is respectfully requested to consider the enclosed document identified in this paper and in the attached Form PTO/SB/08B during the course of examination of this application.

Respectfully submitted,

HOWSON AND HOWSON
Attorneys for Applicant

By



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PTO/SI/088 (08-03)

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USPTO Form 1449/PTO

Complete if Known

Application Number	10/564,441
Filing Date	January 12, 2006
First Named Inventor	Persson et al
Group Art. Unit	1645
Examiner Name	
Attorney Docket Number	SSI7USA

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 2

NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	7/
J.H./	A	BASTIAN ET AL, Comparison of 14 PCR Systems for the Detection and Subtyping of stx Genes in Shiga-Toxin-Producing Escherichia Coli, Res. Microbiol., 149,(7), pp. 457-472, (July-August 1998)	
	B	BRAY J., Isolation of Antigenically Homogeneous Strains of Bact. Coli Neapolitanum From Summer Diarrhoea of Infants, The Journal of Pathology and Bacteriology, Vol. LVII, No. 2, pp. 239-247, (1945)	
	C	BRAY J., Slide Agglutination of Bacterium Coli Var. Neapolitanum in Summer Diarrhoea, The Journal of Pathology and Bacteriology, Vol. LX, No. 3, pp. 395-401, (1948)	
	D	INOUE ET AL, Amino Acid Sequence of Heat-Labile Enterotoxin from Chicken Enterotoxigenic Escherichia Coli is Identical to that of Human Strain H 10407, FEMS Microbiology Letters 108, pp. 157-162, (April 1993)	
	E	JOHNSON WM ET AL, Cytotoxic Escherichia Coli O157:H7 Associated With Haemorrhagic Colitis in Canada, The Lancet, 1; 1(8314-5:76, (January 1983)	
	F	KAPER, J.B., Defining EPC, Rev. Microbiol. Sao Paulo 27:130-133, (1996)	
	G	KAUFFMANN F., The Serology of the E. Coli Group, J. Immunol. 57, No. 1, pp. 71-100, (September 1947)	
	H	LEVINE MM., Escherichia Coli that Cause Diarrhea: Enterotoxigenic, Enteropathogenic, Enteroinvasive, Enterohemorrhagic, and Enteroadherent, The Journal of Infectious Diseases, Vol. 155, No. 3, (March 1987)	
	I	ØRSKOV F., Nyt Nordisk Forlag. Arnold Busck. Escherichia Coli. Om Typebestemmelse, Specielt med Henblik paa Stammer fra Infantil Diarrhoe. En Oversigt, (1956)	
	J	ØRSKOV F., On The Occurrence of E. Coli Belonging to O-Group 26 in cases of Infantile Diarrhoea and White Scours, Separatum. Acta Pathologica. Vol. XXIX, Fasc. 4. (1951), [English version]	

Examiner Signature	/Jana Hines/	Date Considered	12/18/2008
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

† Applicant's unique citation designation number (optional). * Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 USC 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETE FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Substitute for form 1449/PTO


**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet **2** of **2****Complete if Known**

Application Number	10/564,441
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First Named Inventor	Persson et al
Group Art Unit	1645
Examiner Name	
Attorney Docket Number	SSI7USA

NONPATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No.†	Include the name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item, (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T‡
/J.H./ 	K	SCHMIDT H., The Large-Sized Plasmids of Enterohemorrhagic Escherichia Coli O157 Strains Encode Hemolysins Which are Presumably Members of the E. Coli Alpha-Hemolysin Family, FEMS Microbiol Lett., 1;117(2):189-96, (April 1994)	
	L	SEKIZAKI, T., Nucleotide Sequences of the Genes for Escherichia Coli Heat-Stable Enterotoxin I of Bovine, Avian, and Porcine origins, Am J. Vet. Res., Vol. 46, No. 4, (April 1985)	
	M	SETHABUTR, O., Detection of Shigellae an dEnteroinvasive Escherichia Coli by Amplification of the Invasion Plasmid Antigen H DNA Sequence in Patients with Dysentery, The Journal of Infectious Diseases, 167:458-61, (January 1993)	
	N	THOMAS, A., Non-radioactively Labelled Polynucleotide and Oligonucleotide DNA Probes, for Selectively Detecting Escherichia Coli Strains Producing Vero Cytotoxins VT1, VT2 and VT2 Variant, Molecular and Cellular Probes, 5, pp. 129-135, (April 1991)	
	O	WILLSHAW, G.A., Cloning of Genes Determining the Production of Vero Cytotoxin by Escherichia Coli, Journal of General Microbiology, 131, pp. 3047-3053, (Nov. 1985)	

Examiner Signature	/Jana Hines/	Date Considered	12/18/2008
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